Detailed Quantity Estimate for fixing of Street Name Boards

BBMP Division: Yalahanka

SL. No.	Page No Item No.	DESCRIPTION OF WORK	Unit	No	L	B	D	Quantity	Rate in Rs.	Amount in Rs
		Street Name Boards								
1	Data Rate	Supply and Fixing of Black Granite Name Boards of 4ft X 2ft and 30mm thick with required carvings , installed over sadarahalli pillars of 6inches X 6 inches size.								
								25.00		
		Granite Carved Street Name Board	Each	25						
							Total	25.00	46,200.00	11,55,000.00
2	Page No.180. Item No 24.3	Direction and Place Identification Signs upto 0.9 sqm Size Board: Providing and erecting direction and place identification retro-reflectorised sign as per IRC:67 made of high intensity grade sheeting vide Clause 801.3, fixed over aluminium sheeting, 2 mm thick with area not exceeding 0.9 sqm supported on a mild steel single angle iron post 75 x 75 x 6 mm firmly fixed to the ground by means of properly designed foundation with M 15 grade cement concrete 45 x 45 x 60 cm, 60 cm below ground level as per approved drawing.								
		PWP &IWTD, South Zone, SR 2018-19	Sqm							
		Street Name Board		322	1	0.90		289.80		
							Total	289.80	7,274.78	21,08,231.24
3	Page No.190 Item No24.59	Supply and fixing of Retro Reflective Single Arrow Road Name Signboard of size 1600mm x 900mm made out of retro reflective sheeting conforming to Type XI standards of ASTM 0 4956- 09 & as per IRC 67-2012 for full back ground of blue colour & white letters and fixed over 4 mm thick Aluminium Composite Material sheet having minimum 0.5 mm thick Aluminium skin on both sides with back side painted grey colour and fixed over back support frame SS angle of 15mm x 20mm x 1.2mm, supported by 38mm OD stainless steel pipe all round in 304 grade and 2 nos of vertical posts of 50 mm 00 stainless steel pipe of 202 grade firmly fixed to the ground by means of properly designed foundation of size 450mm x 450mm x 600mm in 1:1.5:3 ratio cement concrete. The background shall be blue in color with letters and border in white, the item includes earthwork excavation, cost of all materials, loading, unloading, lead, lift, transportation etc., complete. as per direction of engineer incharge of work clause 6.9 of IRC 67-2012 for Type XI retro reflective sheeting from the sheeting manufacturer & a certified copy of test reports from an independent test laboratory conforming to clause 6.7 of IRC 67-2012 including outdoor weather exposure report for the retro reflective sheeting offered shall be submitted by the contractor for technical qualification in the tender.								
		Direction Board - Single Arrow	Sqm	25.00	1.60	0.90		36.00		
							Total	36.00	14,094.82	5,07,413.52
4	Page No.190 Item No24.60	Supply and fixing of Retro Reflective Single arrow road name sign board of size 2000mm x 900mm made out of retro reflective sheeting conforming to Type XI standards of ASTM D 4956 - 09 & as per IRC 67-2012 for full back ground of blue colour & white letters and fixed over 4 mm thick Aluminium Composite Material sheet having minimum 0.5 mm thick Aluminium skin on both sides with back side painted grey colour and fixed over back support frame SS angle of 15mm x 20mm x 1.2mm, supported by 38mm OD stainless steel pipe all round in 304 grade and 2 nos of vertical posts of 50 mm 00 stainless steel pipe of 202 grade firmly fixed to the ground by means of properly designed foundation of size 450mm x 450mm x 600mm in 1:1.5:3 ratio cement concrete. The background shall be blue in color with letters and border in white, the item includes earthwork excavation, cost of all materials, loading, unloading, lead, lift, transportation etc., complete. as per clause 6.9 of IRC 67-2012 for Type XI retro reflective sheeting from the sheeting manufacturer & a certified copy of test reports from an independent test laboratory conforming to clause 6.7 of IRC 67-2012 including outdoor weather exposure report for the retro reflective sheeting offered shall be submitted by the contractor for technical qualification in the tender.								
		Direction Board - Double Arrow	Sqm'	10.00	2.00	0.90				
								18.00		
							Total	18.00	16,732.10	3,01,177.80
5	Page No.181 Item No24.9	KSRRBM800-9, Painting New Letter and Figures of any Shade with synthetic enamel paint black or any other approved colour to give an even shade complete as per specifications. ("i) Hindi (Matras commas and the like not to be measured and paid for half letter shall be counted as half)" MORTH Specification No. 803								

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		PWP &IWTD, South Zone, SR.2018-19	cm							
		Painting of Letters		322	900			2,89,800.00		
							Total	2,89,800.00	1.06	3,07,188.00
									Total Constuction Cost	43,79,011
									GST 12%	5,25,481
									Design Report, Proof Checking & PMC Amount 2 %	87,580
									Sub Total	49,92,072
									Miscellaneous & Rounding Off	7,928
									Grand Total	50,00,000

Certificate:-

1. The workspot was inspected and work is found to be necessary.
2. The area comes within the Bruhat Bangalore Mahanagara Palike Limits.
3. The rates adopted is based on the PWD SR Bangalore Circle for year 2018-19
4. The provisions made in the estimate are necessary and essential.

* APPROVED DATA NOTE TO BE ENCLOSED

M/s. Infra Support Engineering Consultants Pvt. Ltd.

Assistant Engineer,
Yalahanka Division, BBMP

Assistant Executive Engineer,
Yalahanka Division, BBMP

Executive Engineer,
Yalahanka Division, BBMP

Administrative Sanction for Rs. .....50.00 lakhs
.....fifty lakhs only.....
.....
is accorded under head .P-3740.....
.....Development works.....
.....
Registered as CE No. ..... Subject to conditions contained in enclosed memo No. EE/YNK/AS/TI/2020-21 Dt. 17.12.2020

Executive Engineer

Technical Sanction
Accorded For Rs 50.00 lakhs only
Head of A/C P3740
CER NO 153 Dt 22.12.2020

AEE (Yln)